## GEOGRAPHIC INTELLIGENCE MEMORANDUM

CIA/RR GM 62-4 April 1962

## AIR ACCESS TO BERLIN



# CENTRAL INTELLIGENCE AGENCY OFFICE OF RESEARCH AND REPORTS

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### SECRET

### AIR ACCESS TO BERLIN

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The dependence of West Burlin on surface contact with the Federal Republic in surlkingly reflected by statistics on highway traffic along routes connecting the two (see table). The average number of whiclas that peaced through the Sabalshara

This require has been proposed in response to a request of the Berlin fault.

Force.

The Berlin was concluded in societaes with the London Protocol of 12 Deptember and the Control of the Berlin fault was considered by the Berlin fault with the London Agreement of 18 December 1944 extracted the Greater Parlin and with the London Agreement of the Security 1944 exchanged the administration of the Inter-Allin Control Control of the Inter-Allin of the Inter-Allin Control Control of the Security Control of the

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Civil Traffic to West Berlin

		Freight		
		1961	1	960
Incoming	Metric Tons	Percent of Total	Motatic Toma	Percent of Total
Highway	2,861,467	35.9	2,913,200	35.7
Rail	2,309,316	29.0	2,249,344	27.6
Water	2,787,321	35.0	2,985,098	36.6
Air	6,775	0.1	5,359	0.1
Total	7,964,879	100.0	8,153,001	200.0
Outgoing				
Highway	1,175,941	62.2	1,059,839	61.6
Rail	273,801	14.5	240,847	14.0
Water	430,017	22.8	410.8%	23.9
Air	9,953	0.5	8,471	0.5
Total	1,889,712	100.0	1,720,033	100.0
		essenger Traffic		
	196	iı	19	50
Incoming	No. of Vehicles	Passengera	No. of Vehicles	Passengers
Automobile	629,674	1,617,407	531,645	1,384,498
luses	29, 157	784,631	27,852	
ycles	12,155	19,002	12,962	757,715 20,824
hail.	N.A.	2.148.473 a/	N.A.	2,304,716 a
ilreraft	19,948	722,849 5/	17,856	688,231 5
Outgoing				_
artomobile	641,193	1,672,622	522,883	1,390,438
rasea	29,185	804,859	28,056	770,095
yeles	12,955	20,569	13,934	22,660
ail	N.A.	2,009,168 a/	N.A.	2,220,761 a/
ircraft	19,947	775,449 6/	17,815	722,007 5/

 Figure includes all rail passengers crossing border of Foderal Reput exclusive Berlin statistics not available.
 Exclusing Tiyouts of refusees (115,599 in 1961; 121,778 in 1960). rossing border of Federal Republic,

obscipcing in each Reportion during a Na-hour period in 1850 was 1,184 ears, 507 med 1,184 ears, 1850, Maily are territor for the control of the control of

All styll rais freigh between the federal Republic and deep barian is confree contracted by the federal republic and deep barian is confree contracted by the federal republic and an experimental republic and an experimental republic and the styll r

Two inland waterways, the Elbe River and the Mittelland Gunal, connect the Federal Republic and East Germany. Both are linked to Greater Berlin by a system

Botton of Afr Scores

Immediately after shell for II, Maximus occus to Berlin was generally by an informal seprement under which insteam pillude on reads to Berlin was generally by an informal separate to the state of the stat

Bales gravating corriber (lights can emittable in the bails document), Filed Bales (G. Mircott) (Typin in the fire contribute or draws gravity and Bales (G. Mircott) (Albough the corribors are located and are speci-fized, when the contribution of the corribors are located and are speci-tives. A section stitute of T. Sind Labour, the contribution are speci-ficated Ross, which is defined as the area within a relation of 20 statute at the Control Ross, which is defined as the area within a relation of 20 statute at the control Ross, which is defined as the area within a relation of 20 statute at the leading and the control of th

In respons to the 1984-99 forti-spaced blockeds of surface transport around that Berlin, the Batted States and the State Register conducted on altiff sensitive ported beginning as 2,00,247 can of compa and prescoper during the 13-month ported beginning the 2,00,247 can of compa and prescoper during the 13-month ported beginning to 190,000 can be 190

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### The Soviet Harasment Potential

Judging by the experience of 1946-49 and recent Soviet tactics in the air corridors, lack of interference probably could not be expected. During the 1949-19 atritt, 73 corridor incidents affected UR sireraft alone. \* Notey the Soviets wave the capability to interfere with an afrilit in the corridors in a number of

The restriction of Filiphia to corridors only 30 miles wide and the high distinction of weather mentional for Liquid by Wealsal Filiphia (Micro) in the control of the cont

According to recent estimates the Soviet Blos forces in Bast Germany have the expectitly to interfere seriously with the destream electronic narrigational said and communications that are required for operation in the Berlin corridors. Although no positive association has been made between certain operational storage and operation Edwards and operation Edwards and the control of the Communication of the C

Five complexes in Bart Germany have equipment with possible jeaming combining to provide a property of the provided and pr

Associate form of interference with an airlift now available as secondary.

Associated in the near given to a decogative sport many the scale frequency and
contained to the contract of the c

or maiffed assignational optiments by training error in the recognision of princing, seasoning, and corridor instantate (the Latter for FMR operations); and by the adoption of new complet procedures. Corridor operations, boowney, containing the contraction of the contraction

Buszing occurred [] times, close flying 95, flak 54, sir-to-air fire 14, flares 69, redio interference 80, searchilights 103, air-to-ground fire 16, ground fire 55, compared to the compared

One of the test scene, force of harmonic contable to the UBER 1s force mannerering of restrict in the confirst, unique locality, used according for the contable to provide the contable to th

Surface-to-dir missiles are particularly useful as a psychological weapon. Currently, Soviet missiles are deployed so as to provide coverage of all of the air corridors and the Berlin terminal area. Purthermore, being sobile, missiles now deployed elacehere could be shifted to provide sobitions, strength in the

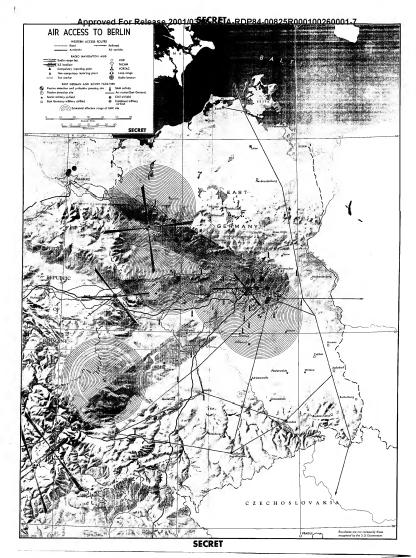
Another form of air harassment potentially as effective as jamming or other types of interference with Western aircraft is the use of the corridors by

The USES has also utilized procedural tenties for purposes of baracament. Though those have been the filing of filight pains and success of the West, increasing the number of filights in the courfolors, and warring flight patterns to establish a basis for a switch to quarantee the analysi of Mestern filights becomes of the safety of Mestern filights whereas the safety of the sa

### Prospects

Hearth Sowich textice sees to be designed to whittle seey Westers rights and to demonstrate to seed for a single act-traffic courts, payferably under last German seeps, by establishing the first that Sowies places have the length of the control of the control of the control or control or the length of the control of the control of the control or control or the control that the section Power had compiled the authorize of a new situation and had accountabled that upon entering the control text paid a control of the control or control of the control or control or the control or control or the control or control trains of filipsis in the controller resident to the control or control or the control or control o

action from building up it now expeditivy to interferon with Merlem casses; were bounded by the control of th



in Jan 1961 the host German quickly published a decree known as the Tase of August, which could juy a significant rule in any exceptions of the receiver a construction of the property of the published of the pu

In the field of electronic warfare the USSR has recently assigned East Germany a more active role. This action may be related to East German claims to the right

The Bart Germann are pushing plans to develop Schooschild at the main Burlin, types, to exist it is normally on long-distance air votice, and to relegate templated to the status of a secondary final serving only short-distance traffic fits Soviet could offer guarantees of Western scores in return or the transfer of six-teraffic content could not seen that the status of the stat

In developing (domesmid) the Bast German have recently solarized transportant featilists for sailtime to Bast Berlin and have developed a system of memoratical air routes on which Schemenfed is either a stop or a terminal languarian, (Goodboomstack), Empariant, Pichia, Bastellan, and Sorties this Links have languarian, Goodboomstack, Empariant, Pichia, Bastellan, and Sorties this Links have been about the state of the

The USSN has provided itself and East Germany with a broad basis for harmement of Western access to Berlin. These tactions are well suited to bringing measure on the West to discuss not only the question of air access but the arger political questions such as of the status of West Berlin and the recogtion of East Germany.

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**SECRET** 

10 April 1962

25X1A 25X1A

called with regard to the paper ORE did for the Berlin Task Force. Received the following message from Mr. Karlow which he thought you might wish to put in the official ORE commendation file:

> "Mr. Kohler termed the paper on Air Access to Berlin (CIA/RR CM 62-4) as 'very helpful and valuable' and asked me to pase his comments and his appreciation to the personn responsible."

> > 25X1A

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Old College	endacion rii	9.		1
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FROM: 0/0	Ch/G Jo			1
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THANS	MITTAL SLIP	11 April 1962
TO:	Chief, D/GG	
лоом No. 3E58	BUILDING	qa.
REMARKS:		
r	he original o	f the attached note

The original of the attached note has been passed on to St/P/C for the ORR Commendation File.

FROM:

O/Ch/G -- Jo

ROOM NO.

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## OTHER REPORTS ORIGINALISM COLLEGE BOLD OF BURNEY COLLEGE BURNEY

GM 62-1, 4, 6, and 8 February-April 1962 The Berlin Wall; Air Access to Berlin; The Status of the Berlin Wall; and Surface Access to West Berlin

This group of four GM's was prepared in 1962 at the request of the Berlin Task Force, headed at that time by Foy Kohler. These very concise studies bring together a wide variety of fugitive information on the physical, political, economic, and legal aspects of West Berlin and the Berlin Wall.

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Congolese Tribal Affiliations and Disputes -- Part III:

In connection with increasing U.S. involvement in

compilation of data on tribal affiliations and disputes.

Tribal Relationships in Leopoldville Province

the Congo, OCI asked the geographers in 1961 for a

Subsequent dissemination was made to DD/P and a wide variety of other users. This 1962 report on tribal

relationships in Leopoldville Province completed the

25X1C

GM 62-2 Malaysia

March 1962

This GM was produced for ONE in support of an NIE on the then newly proposed Federation of Malaysia. It provides a great variety of basic data on the physical situation, economic aspects, population, and problems of the territories that will be merged in the Federation. GP 62-60:L Area 18:

study.

GP 61-48, Part III

March 1962

April 1962

In January 1962 TFW and the DD/I, represented by determined that operational planning on Cuba required the preparation of basic analyses of the areas most suitable for resistance operations. The Geography Division was asked to select and analyze these areas according to established criteria. was the first study produced.

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### DISTRIBUTION LIST Title of Report AIR ACCESS TO BERLIN Date April 1962 Classification/ Report Series No. GM 62-1 PN 63.1990 Control SECRET Requester S. Peter Karlow, State, Opr. Center, 7513 New State , GG/E 25X1A Maps \_\_\_ 36025 Analyst and Branch Pictures 25X1A To Copy No. Date Copy No. To Date 371 D/GC 6apr 62 391 thru 406 6 Apr62. 372 407 thru 506 D/GG delivered to Karlow State St/P/@ 25X1A 507 373 has) 6 Apr 62 25X1A 508 374 Ch/G 509 Ch/G 25X1A 6 Apr 62 375 25X1A 510 376 OSI/ECM 9 Apr 62 ( "25X1A 511 OCI 377 512 378 OCI/Mil. "25X1A BRINE 7-E-62 112065 513 379 St/R/ERA , 25X1A 514 380 ONE 25X1A 515 GG/E Circulated in D/GG 393 6 Apr 1,8 may 62 516 D/GG 394 25X1A 99263 24 395 25X1A 396 Remarks:

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The Berlin Well; Air Access to Berlin; The Status of the Berlin Well; and Surface Access to West Berlin

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## Approved For Release 2001/03/06: CIA-RDP84-00825R000100260001

Coordinators on project:

Har access to Berlin

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Other Inf.: ERA, S/TR, 3G49, x6700

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Other Inf.: ERA, S/TR° 3G49, x6811

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### Approved For Release 20年初83/06年日本中1998年199825R000100260001-7 Geography Division, ORR

### Project Initiation Memorandum

Project No.: 63.1990

28 February 1962

- Subject of Proposed Project: Air Corridors to Berlin.
- 2. Statement of Problem: A Geographic Intelligence Memorandum will be prepared giving information on the air corridors for Western traffic to Berlin over East Germany, to include the topics listed in paragraph two of the attached memorandum. The report will also discuss briefly the rail, highway, and canal routes to Berlin, to set the air traffic situation in the perspective of the total traffic picture.
- Requester: Serge Peter Karlow, State Department Operations Center. Memorandum of 27 February 1962, on the subject Assistance on the 25X1A Air Corridors, is attached. For the Berlin Task Force.
- 4. Responsible Analyst, Branch:

with assistance of

25X1A

- 5. Kind and Extent of Cooperation Desired From:
  - A. Other Divisions of the G Area: D/GC will prepare map or maps.
  - B. Other Parts of CIA: Information will be secured from OSI, and ERA.
  - C. Outside CIA: Berlin Alert Group, Defense Department, probably.
- 6. Estimated Manhours in D/GG: 120.
- 7. Publication Date: 23 March 1962
- 8. Form of Final Publication: CIA/RR GM.
- Recommendations for Distribution of Finished Report: Standard dissemination for GM plus necessary copies to requester (probably 100).

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25X1A Chief, Geography Division

Chief, Geographic Area

ting Assistant Director, CRR

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Approved For Release 2001/03/06 : CIA-RDP84-00825R000100260001-7

27 February 1962

MEMORANDUM FOR: Deputy Director (Intelligence)

ATTENTION:

25X1A

SUBJECT:

Assistance on the Air Corridors

- 1. In my memo of 27 February on "ORR Geographic Intelligence Memoranda," I requested (para 2 b) on behalf of the Berlin Task Force a Geographic Intelligence study of the air corridors. This is to confirm that request and to restate and elaborate on the EEI's for such a study.
  - 2. The study should include most or all of the following:
    - Traffic in the corridors
    - Navigational facilities

    - (c) The location of Soviet airfields
      (d) The location of SAM sites (confirmed and probable)
    - (e) The location of ECM equipment (confirmed and probable) (f) DDR civil and military airfields.

    - (g) DDR scheduled civil air routes and traffic.
  - 3. I would appreciate an estimated date of completion.

(signed)

SERGE PETER KARLOW

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27 February 1962

MONORANSEM FOR: Deputy Birmstor (Intelligence)

ATTENTION

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SULIECT:

ORR Geographic Intelligence Memoranda

- 1. An CRR publication entitled "The Berlin Wall" (CIA/RR CR 62-1) has attracted feverable attention among several members of the Berlin Task Force. A hundred copies have been requested (and received) for distribution as a Task Force document.
- 2. In addition to favorable reactions, I have reactived several requests from Berlin Tesk Force sembors for further studies of this type, specifically:
- weeded (a) Could "The Borlin Hall" be reismied at periodic intervals? Belsames should be electified no higher than "Official Was Galy" one should be so prepared as to make possible dispribution to the Quadriperties slaments of the Boylin Task Ferro, meaning british, French, and Pernes government impressonuatives.
  - 63.1990 (b) Air continue. In view of the great current interest in this subject the arriy appearance of a similar study of the air corridors would be appreciated. This study, also of the lapse translation interested the lapse translation in available for production on available to be location of source of source of similar facilities, the location of confirmed and source the views, launtion of Rest depond their source.

### ALL CO

the Berlin signation that has generated Berlin Test Force inspired. The other was was a "Current Support Staff" on East German subface transportation, GIA/ES CH-62-1. In addition, when the GCI Berlin Members appeared, 75 depicts were requested for distribution by the Yeak Forte. I believe it would be regrissible for me to come over some time and see what other memberial or resources within Odd or elegators could make further contributions to the warring that her beauty of the Task Force.

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## Approved For Release 2001/03/06: CIA-RDP84-00825R000100260001-7 dum Project No.: 63.1976 CONTRAL INTELLIGENCE AGENCY Geography Division, URR

Project Initiation Memorandum

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		Date:
	3. Subject of Proposed Projects (	will be perspared giving at any to include
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	7. Probable Completion Date: 23.	march 62 (publication date)
	8. Probable Form of Final Fublica	tion: CM
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	Approved:	Giver, Geography Division
	Wiler. Geographic Research	Date
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Approved For Release 2001/03/06: CIA-RDP84-00825R000100260001-7

Beography Division, ORR

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Project No.: 63,1990

28 February 1962

- 3. Subject of Proposed Project: Air Corridors to Berlin.
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- 3. Requester: Serge Pater Karlow, State Department Operations Center. Memorandum of 27 February 1962, on the subject Assistance on the Air Corridors, is attached.

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with assistance of

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27 February 1962

MEMORANDUM FOR: Deputy Director (Intelligence)

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